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Operators applying for authorization to operate within Special Operations Area (SOA) airspace such as NAT MNPS, RVSM, and RNP/BRNAV airspace must comply with the following guidance.


The FAA New York International Field Office requires the following information. In consideration we are pleased to provide reference to all guidance available for this project. Enclosed is an Operator Data Report that you must complete and return to this office. In addition, the following items need to be obtained, and some additional information must be provided to this office before issuance of [14 CFR Part 91](#) Operations Safety Specifications (OPSS 91J) for operation in SOA.

- Provide a letter of request for the Special Area's of Operation in which you seek authorization. This letter must contain the name and the address of the Company/Operator who is applying for the special authorizations in addition to the US Agent for service.
- Obtain and understand the applicable FAA Advisory Circulars, the requirements of 14 CFR Part 91.705, Appendix G and how they apply to your operations.
http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/enroute/rvsm/
An operator specific RVSM manual containing the international operating procedures for operations within RVSM/MNPS/RNP/BRNAV airspace, and the airworthiness inspection requirements for RVSM equipment and instructions for continued airworthiness must be developed. The manual must contain a Table of Contents and a List of Effective Pages. The airworthiness section of the manual should contain information for maintenance and inspection of RVSM equipment and systems, Periodic inspections, and a quality assurance system or method, which ensures continued accuracy and reliability of the RVSM systems. This manual should also contain procedures for returning the aircraft RVSM system to service following repairs.
- Provide written proof of plotted waypoints that confirm the aircraft's navigation accuracy. Instructions for performing this functional flight check are documented in [AC 91-49](#): General Aviation Procedures for Flight in North Atlantic Minimum Navigation Performance Specifications Airspace.
- Provide copies of applicable Supplemental Type Certificates (STC) and any FAA Form 337's that are associated with the equipment you list on the enclosed form.

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- Provide the inspection intervals (Frequency) of the RVSM equipment and related systems as identified in the manufactures Service Bulletin and or Inspection Program. Provide copies of the reference task cards or procedures.
- Provide a copy of the page[s] in the Airplane Flight Manual (AFM) or Supplement (AFMS) that shows that the aircraft qualifies for NAT MNPS Oceanic Operations and/or RVSM.
- Verification of formal training for pilots indicating the NAT MNPS / RVSM training they received relating to over water navigation was conducted by an accredited training center, preferably under 14 CFR Part 142, also legible copies of their current pilot certificates and medical certificates must be provided.
- For international operations please provide a copy of each pilots FCC Radio Operators Permit.
- Your manual should contain a description of the checklist and crew operating procedures, including a blank navigation log sheet, which will be used to ensure accurate navigation. The type of navigation log that is typically required by ICAO for any aircraft engaged in international navigation.
- If the operator is currently authorized to utilize the Master Minimum Equipment List (MMEL) then a copy of their Letter of Authorization must be provided. If the operator does not currently hold a LOA for the use of the MMEL as permitted by [14 CFR Part 91.213](#), then a separate letter of request should also be submitted to the NY IFO at this time.
- Provide a copy of the Height Monitoring result (HMU) as recorded by Euro-Control User support cell.
- Complete the “RVSM/MNPS Worksheet & Operators Data Sheet” (Attachment) and include proof of US citizenship for Agent.

Granting of an LOA or Operations Specifications for NAT MNPS / RVSM operations, with or without limitations, can only be accomplished after acceptable and successful completion of the above mentioned items. Please contact this office either by telephone, e-mail, or via facsimile with any questions you may have. Our office hours are 7:30 a.m. to 4:00 p.m. EST., Monday through Friday.

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MNPS / RVSM WORK SHEET

Aircraft Make / Model /Series: _____ Serial No. _____

Aircraft Registration Number
 ("N" Number): _____

Aircraft Color: _____

Airworthiness Approval Date: _____

(Date work completed to comply with appropriate airworthiness document [e.g. SB, STC, aircraft service change; **Please supply copy**])

Mode S code: _____ Operating Rule Utilized: FAR 91 _____

Type of Aircraft Inspection
 Program: _____

Aircraft Location: _____ Base of Operations: _____

Name of Aircraft Owner/Operator: _____

Crew training conducted by: _____

Printed name of person responsible for
 crew operations or agent for service:

Signature of person responsible for crew operations or agent for service
 (Must be a U.S. citizen): _____


Printed name of person responsible for maintenance: _____

Signature of person responsible for maintenance: _____

Phone number of local contact: _____

Street address (cannot be a Post Office Box): _____

City, state, zip code: _____

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Operator Compliance Statement

The aircraft operator certifies the above listed aircraft has been properly modified, if necessary, to meet the requirements for conducting operations in airspace where North Atlantic Minimum Navigation Performance Specifications (MNPS) / RVSM apply. It has been determined that the required equipment has been installed (in accordance with approved data) and appropriate aircraft records have been completed to reflect the installation of this equipment. The aircraft equipment list and weight and balance have been updated. All aircraft records concerning equipment installations and aircraft inspections will be available if a conformity inspection is to be accomplished by an FAA Inspector.


The aircraft operator also certifies they are thoroughly familiar with, is currently, and will remain in compliance with all applicable Federal Aviation Regulations to include the appropriate portions of [14 CFR Part 47](#). For questions regarding your eligibility for continuous use of U.S. registered aircraft in other than the United States or it's territories, you may contact the FAA Aircraft Registration Branch at the URL below:
http://www.faa.gov/licenses_certificates/aircraft_certification/aircraft_registry/contact_aircraft_certification/

- Note -

Aircraft operators may be required to provide this office with trip logs to show continued compliance with guidance, U.S. federal aviation regulations, and ICAO procedures.

Printed Name and Title: _____

Signature and date: _____

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OPERATOR DATA SHEET

Name & Address:

Aircraft make and model: N-Number:

Aircraft serial number:

Aircraft color:


NAVIGATION EQUIPMENT

QUANTITY

MANUFACTURER

MODEL NUMBER

DESCRIPTION

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COMMUNICATION EQUIPMENT

QUANTITY	MANUFACTURER	MODEL NUMBER
DESCRIPTION		

RVSM EQUIPMENT


QUANTITY	MANUFACTURER	MODEL NUMBER
DESCRIPTION		

Authorizations Requested by Operator:

RVSM__ MNPS__ RNP TYPE__ BRNAV__ PRNAV__ MMEL__


- Note -

Authorizations are issued in the form of operations specifications. If requesting MNPS, the person responsible for operations in MNPS SOA airspace must be a U.S. citizen.

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Guidance and Regulatory References

- **FAA Order 8900.1, Volume 4, Chapter 1, Aircraft Navigation, Communications, and Surveillance.** This chapter provides an explanation of navigational concepts, direction, and guidance used by Federal Aviation Administration (FAA) inspectors to evaluate requests for authorization to conduct en route operations. It also discusses methods and requirements necessary to approve or deny requests for proposed operations using aircraft and/or navigation systems new to that operator and proposed operations into new areas of en route operation using previously approved aircraft and navigational systems. This guidance can be found at the URL below:
http://fsims.faa.gov/wdocs/8900.1/v04%20ac%20equip%20&%20auth/chapter%2001/04_001_005.htm
- **FAA Order 8900.1, Volume 4, Chapter 12, Issue/Renew a Letter of Authorization for Operations in Special Area of Operation.** Guidance here is used by FAA inspectors to issue a letter of authorization (LOA) to a general aviation operator planning a flight in special area of operation. This guidance can be found at the URL below:
http://fsims.faa.gov/wdocs/8900.1/v04%20ac%20equip%20&%20auth/chapter%2012/04_012_001.htm
- [14 CFR Part 61.3](#) - Requirement for certificates, ratings, and authorizations.
- [14 CFR Part 61.75](#) - Private pilot certificate issued on the basis of a foreign pilot license.
- [14 CFR Part 91.703](#) - Operations of civil aircraft of U.S. registry outside of the United States.
- [14 CFR Part 91.705](#) - Operations within airspace designated as Minimum Navigation Performance Specification Airspace.
- [14 CFR Part 91.706](#) - Operations within airspace designated as Reduced Vertical Separation Minimum Airspace.

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Appendix C - Operations in the North Atlantic (NAT) Minimum Navigation Performance Specifications (MNPS) Airspace.

- [Sec. C91.1](#)
- [Sec. C91.2](#)
- [Sec. C91.3](#)

Appendix G - Operations in Reduced Vertical Separation Minimum (RVSM) Airspace

- [Sec. G91.1](#) - Section 1. Definitions
- [Sec. G91.2](#) - Section 2. Aircraft Approval
- [Sec. G91.3](#) - Section 3. Operator Authorization.
- [Sec. G91.4](#) - Section 4. RVSM Operations.
- [Sec. G91.5](#) - Section 5. Deviation Authority Approval.
- [Sec. G91.6](#) - Section 6. Reporting Altitude-Keeping Errors.
- [Sec. G91.7](#) - Section 7. Removal or Amendment of Authority.
- [Sec. G91.8](#) - Section 8. Airspace Designation.

The Convention on International Civil Aviation (ICAO)

http://www.icao.int/icaonet/anx/info/annexes_booklet_en.pdf